## EAST Search History

| Ref #      | Hits  | Search Query  | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|------------|-------|---|------------------------------|---------------------|---------|---------------------|
| L1         | 6     | "537562".ap.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>10:42 |
| L2         | 95201 | primers and<br>polymerase                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>10:42 |
| L3         | 1     | L1 and L2   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>10:42 |
| L4         | 7     | "233223".ap.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>10:42 |
| L5         | 1     | L2 and L4   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>10:42 |
| L6         | 159   | venema.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>11:28 |
| L7         | 32070 | (molecular adj<br>beacon) or (stem near<br>loop) or hairpin | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>11:29 |
| L8         | 3     | L6 and L7   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/08<br>11:29 |
| S1         | 39236 | oligonucleotide adj<br>probe                                | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |
| S2         | 7     | "157629".ap.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |
| S3         | 1     | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |
| S4         | 0     | "435"".""6".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |
| <b>S</b> 5 | 42163 | 435/6.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |
| S6         | 14984 | S1 and S5   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/09/04<br>11:49 |

| S7  | 111     | pinkel.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>11:50 |
|-----|---------|---|------------------------------|----|----|---------------------|
| S8  | 19      | S6 and S7   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>11:50 |
| S9  | 9       | probe adj intensity adj<br>pattern  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:10 |
| S10 | 0       | S2 and S9   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:11 |
| S11 | 34566   | signal adj intensity  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:11 |
| S12 | 1       | S2 and S11  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:11 |
| S13 | 1385671 | pattern   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:12 |
| S14 | 1       | S12 and S13   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>13:12 |
| S15 | 136     | (oligonucleotide adj<br>probe) same BAC   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>14:42 |
| S16 | 60      | S5 and S15  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>14:44 |
| S17 | 0       | (in adj situ adj<br>synthesis) and<br>"7013221".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>15:02 |
| S18 | 1       | "7013221".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>15:04 |
| S20 | 107807  | nuwaysir.in. or green.<br>in. or selzer.in. or<br>richmond.in. or<br>mccormick.in. or smith.<br>in. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>16:53 |
| S21 | 256     | probe near<br>optimization  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>16:53 |
| S22 | 4       | S20 and S21   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/04<br>16:53 |

| S23 | 32070 | (molecular adj<br>beacon) or (stem near<br>loop) or hairpin  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:47 |
|-----|-------|--|------------------------------|----|----|---------------------|
| S24 | 96098 | Ina or (locked adj<br>nucleic adj acid) or<br>pna or (peptide adj<br>nucleic adj acid) or "2'-<br>o-methyl" or "2'-o-<br>derivatized" or (o adj<br>methyl) or (o-methyl) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:48 |
| S25 | 13326 | S23 and S24  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:48 |
| S26 | 2209  | S23 same S24   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:49 |
| S27 | 42163 | 435/6.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:49 |
| S28 | 807   | S26 and S27  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:49 |
| S29 | 96095 | Ina or (locked adj<br>nucleic adj acid) or<br>pna or (peptide adj<br>nucleic adj acid) or (o<br>adj methyl) or (o-<br>methyl)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:49 |
| S30 | 141   | S23 near S29   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:50 |
| S31 | 36557 | Ina or (locked adj<br>nucleic adj acid) or (o<br>adj methyl) or (o-<br>methyl)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:56 |
| S32 | 10    | S23 near S31   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:56 |
| S33 | 2     | methyl near molecular<br>near beacon   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/05<br>08:58 |

9/8/2008 11:30:33 AM

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